

Please type a plus sign (+) in this box

Approved for use through 10/21/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | | | |
|--|--|---|--|
| APPLICATION ELEMENTS | | Attorney Docket No. 14179US02 | |
| See MPEP chapter 600 concerning utility patent application contents. | | First Inventor Ed Frank | |
| | | Title Method And System For Network Management In A Hybrid Wired/Wireless Network | |
| | | Express Mail Label No. EV 329160072 US | |
| | | Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Washington, DC 22313-1450 | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> | | 7. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix) | |
| 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. | | 8. Nucleotide and/or Amino Acid sequence Submission <i>(if applicable, all necessary)</i> | |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 40] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure | | a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 14] | | c. <input type="checkbox"/> Statements verifying identity of above copies | |
| 5. Oath or Declaration [Total Pages 4] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> | | 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney | |
| i. <input type="checkbox"/> DELETION OF INVENTORS Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | | 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations | |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | | 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____ | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner:

Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

| | | |
|---|-------|--|
| <input checked="" type="checkbox"/> Customer Number | 23446 | or <input type="checkbox"/> Correspondence address below |
|---|-------|--|

| | | | | |
|---------|------------------------------|-----------|----------------|----------------|
| Name | Christopher Winslade | | | |
| Address | McAndrews, Held & Malloy | | | |
| | 500 West Madison, Suite 3400 | | | |
| City | Chicago | State | IL | Zip Code |
| Country | USA | Telephone | (312) 775-8000 | Fax |
| | | | | 60661 |
| | | | | (312) 775-8100 |

| | | | |
|-------------------|---|-----------------------------------|--------|
| Name (Print/type) | Christopher Winslade | Registration No. (Attorney/Agent) | 36,308 |
| Signature |  | | |
| | Date: 9/9/03 | | |

16235 U.S. PTO
10/658514

09/09/03

09/09/03

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Required to respond to a collection of information unless it displays a valid OMB control number.

Fee Transmittal for FY 2003

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$876.00)

| Complaint Information | |
|-----------------------|------------|
| Application Number | Unassigned |
| Filing Date | Herewith |
| First Named Inventor | Ed Frank |
| Examiner Name | Unassigned |
| Group Art Unit | Unassigned |
| Attorney Docket No. | 14179US02 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

| | |
|------------------------------|--------------------------|
| Deposit Account Number | 13-0017 |
| Deposit Account Name | McAndrews, Held & Malloy |

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 740 | 2001 | 370 | Utility filing Fee | 750.00 |
| 1002 | 330 | 2002 | 165 | Design filing Fee | |
| 1003 | 510 | 2003 | 255 | Plant filing fee | |
| 1004 | 740 | 2004 | 370 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$750.00)

2. EXTRA CLAIM FEES

| | | Extra Claims | Fee from below | Fee Paid |
|-----------------------|-------------|--------------|-------------------|----------|
| Total Claims | 27 - 20** = | 7 x | 18.00 = | 126.00 |
| Independent Claims | 3 - 3** = | 0 x | 0 = | 0 |
| Multiple Dependent | | | | |

| Large Entity Fee | Small Entity Fee | Fee Code (\$) | Fee Code (\$) | Description |
|------------------|------------------|---------------|---------------|---|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |

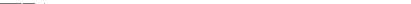
SUBTOTAL (2) (\$126.00)

****or number previously paid, if greater; For Reissues, see above**

| Complaint if Known | | | | | |
|------------------------------------|-----------------------|-----------------------|-----------------------|--|----------|
| Application Number | | | Unassigned | | |
| Filing Date | | | Herewith | | |
| First Named Inventor | | | Ed Frank | | |
| Examiner Name | | | Unassigned | | |
| Group Art Unit | | | Unassigned | | |
| Attorney Docket No. | | | 14179US02 | | |
| FEE CALCULATION (continued) | | | | | |
| 3. ADDITIONAL FEES | | | | | |
| Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 400 | 2252 | 200 | Extension for reply within second month | |
| 1253 | 920 | 2253 | 460 | Extension for reply within third month | |
| 1254 | 1,440 | 2254 | 720 | Extension for reply within fourth month | |
| 1255 | 1,960 | 2255 | 980 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,280 | 2453 | 640 | Petition to revive - unintentional | |
| 1501 | 1,280 | 2501 | 640 | Utility issue fee (or reissue) | |
| 1502 | 460 | 2502 | 230 | Design issue fee | |
| 1503 | 620 | 2503 | 310 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 740 | 2809 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 740 | 2810 | 370 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 740 | 2801 | 370 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) | | | ----- | | |

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|---|--------|-----------|-------------------|
| Name (Print/Type) | Christopher Winslade | Registration No. (Attorney or Agent) | 36,308 | Telephone | (312) 775-8000 |
| Signature |  | | | Date | September 9, 2003 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.